

TRIAL BATCH DEMONSTRATION

Date: _____ Location: _____

Ambient Temperature & RH: _____

Batching & Mixing Equipment: _____

Mix Design Identification & Intended Use: _____

AGGREGATE PROPERTIES

Properties	Contractor Result	INDOT Result
FA Bulk Sp. Gr. (SSD)		-NA-
FA Absorption	%	-NA-
FA Moisture	%	%
FA Gradation	(attached)	(not required)
CA Bulk Sp. Gr. (SSD)		-NA-
CA Absorption	%	-NA-
CA Moisture	%	%
CA Gradation	(attached)	(not required)
Agg. Correction Factor	%	%

CONCRETE BATCHING

Materials	Design Batch Wts. (SSD Agg. Wts.) lbs	Dry Aggregate Batch Weights lbs	Target Batch Wts. (Moist Agg. Wts.) lbs	Target Batch Size yd ³	Total Target Batch Wts. lbs	Actual Batch Wts. lbs	Error ± %
Cement		-NA-					
Pozzolan		-NA-					
Silica Fume		-NA-					
FA							
CA							
Water		-NA-					
Σ		-NA-		-NA-	-NA-		-NA-

Admixtures	Target Dosage fl oz/cwt	Total Req. Dosage fl oz	Actual Dosage fl oz	Error ±%
AEA				
Type ()				
Type ()				

CONCRETE TESTING

Plastic Property	Contractor Quality Control Technician	INDOT Acceptance Sampler	Tolerance Check	Third Party Results
W/(C+P)				
Unit Wt. (lbs/ft ³)				
Air Content (%)				
Slump (inches)				
Relative Yield			-NA-	

Use ITM 403, Attachment A, to calculate Water Cementitious Ratio.

LINEAR EQUATION

	Predicted Unit Weight lbs/ft ³	Measured Unit Weight lbs/ft ³	Tolerance Check ± %
Contractor Rep.			
INDOT Rep.			
Third Party			

COMPRESSIVE STRENGTH

Age In Days	Contractor's Lab Result psi		INDOT District Lab Result psi		Tolerance Check ± %
	Specimen	Average	Specimen	Average	
7					-NA-
7					-NA-
28					
28					
					-NA-
					-NA-

COMMENTS:

Contractor Rep. _____
Air Meter Serial # _____

INDOT Inspector _____
Air Meter Serial # _____

Approved By PE/PS: _____